

^{50}K $Z = 19$ $N = 31$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 414.429 (0.008) MeV

Qbeta- = 13.861 (0.008) MeV

	Energy T	J+	J-	J-other	T1/2
50K	1			0.000 (0-,1-,2-)	1 472 MS 4
50K	2			0.044	2
50K	3			0.070	3
50K	4			0.171 (1:4)(-)	4 125 NS 40

S-p = 0.000 (0.000)-----
 S-n = 4.188 (0.008)-----
 S-2p = 0.000 (0.000)-----
 S-2n = 9.586 (0.008)-----
 S-alpha= 14.293 (0.209)-----

S+p = -17.893 (0.008)
 S+n = -4.860 (0.015)
 S+2p = -29.293 (0.082)
 S+2n = -7.552 (0.034)
 S+alpha = -10.588 (0.273)

gap p = 0.000 (0.000)
 gap n = -0.672 (0.017)
 gap 2p = 0.000 (0.000)
 gap 2n = 2.034 (0.035)
 gap alpha = 3.705 (0.344)